

# Notice of Allowability

Application No.

10/072,261

Applicant(s)

DEVNANI ET AL.

Examiner

Ishwar (I. B.) Patel

Art Unit

2827

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on March 11, 2003.
2. ☒ The allowed claim(s) is/are 1-21.
3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_

5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
  - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No. \_\_\_\_\_.
  - (b) ☐ including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the Examiner.
  - (c) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. 0403.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

- |  |   |
|--|---|
| 1 <input type="checkbox"/> Notice of References Cited (PTO-892)  | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)          |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                    | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____             |
| 5 <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____               | 6 <input checked="" type="checkbox"/> Examiner's Amendment/Comment                  |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
|  | 9 <input checked="" type="checkbox"/> Other Red marked figures.                     |

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Morley C. Tobey, Jr., (Reg. No. 43,955) on April 14, 2003.

2. The following changes to the drawings have been approved by the examiner and agreed upon by applicant:

Figures amended as marked red in the figures 2-9, including cross hatching patterns to represent the material used for the part as shown on page 600-114/115, MPEP 608.02.

In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.

3. The following is an examiner's statement of reasons for allowance:

A wiring board structure with a conductive layer having multiple openings, wherein the centroids of two of the open areas define one axis of Cartesian coordinate system, and conductive traces on the other layer, with an insulating layer in between, are laid out in such way that, at least one of the traces is oriented at other than the

orthogonal angle to each axis of the coordinate system, wherein the oriented trace is longer than the spatial extension between two of the open areas and the projection of the oriented conducting trace on the layer with the opening, lies external to the open areas.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

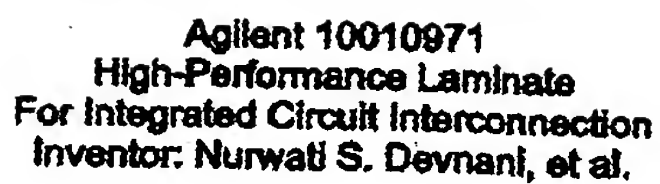
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ishwar (I. B.) Patel whose telephone number is (703) 305 2617. The examiner can normally be reached on M-F (8:30 - 5).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David L Talbott can be reached on (703) 305 9883. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305 3431 for regular communications and (703) 305 7724 for After Final communications.

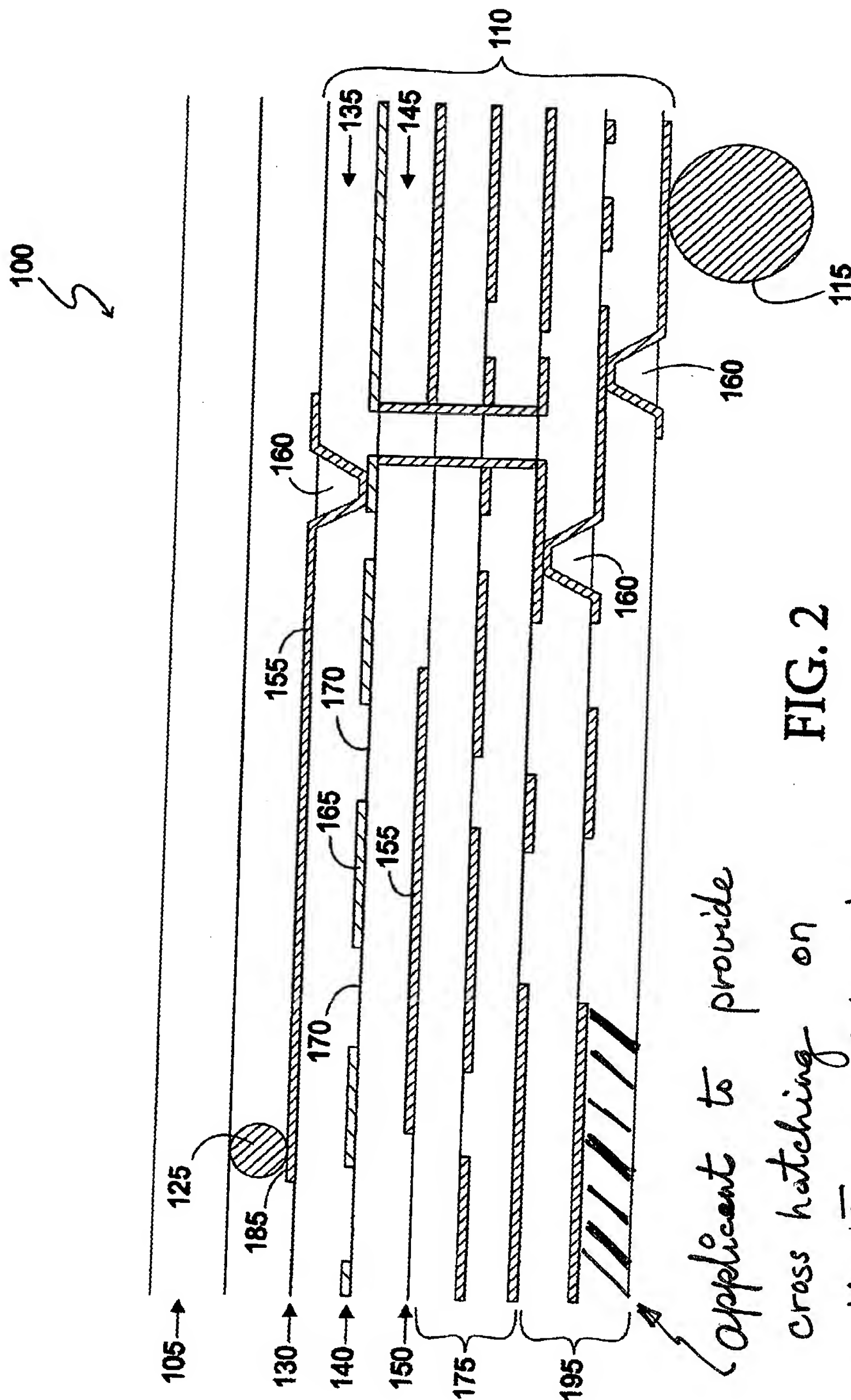
Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308 0956.

  
KAMAND CUNEO  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800

ibp  
April 16, 2003



2/9



**FIG. 2**

Applicant to provide cross hatching on all the insulating layers.

Approved  
18 Feb 2003





Agilent 10010971  
High-Performance Laminate  
For Integrated Circuit Interconnection  
Inventor: Nurwati S. Devnani, et al.

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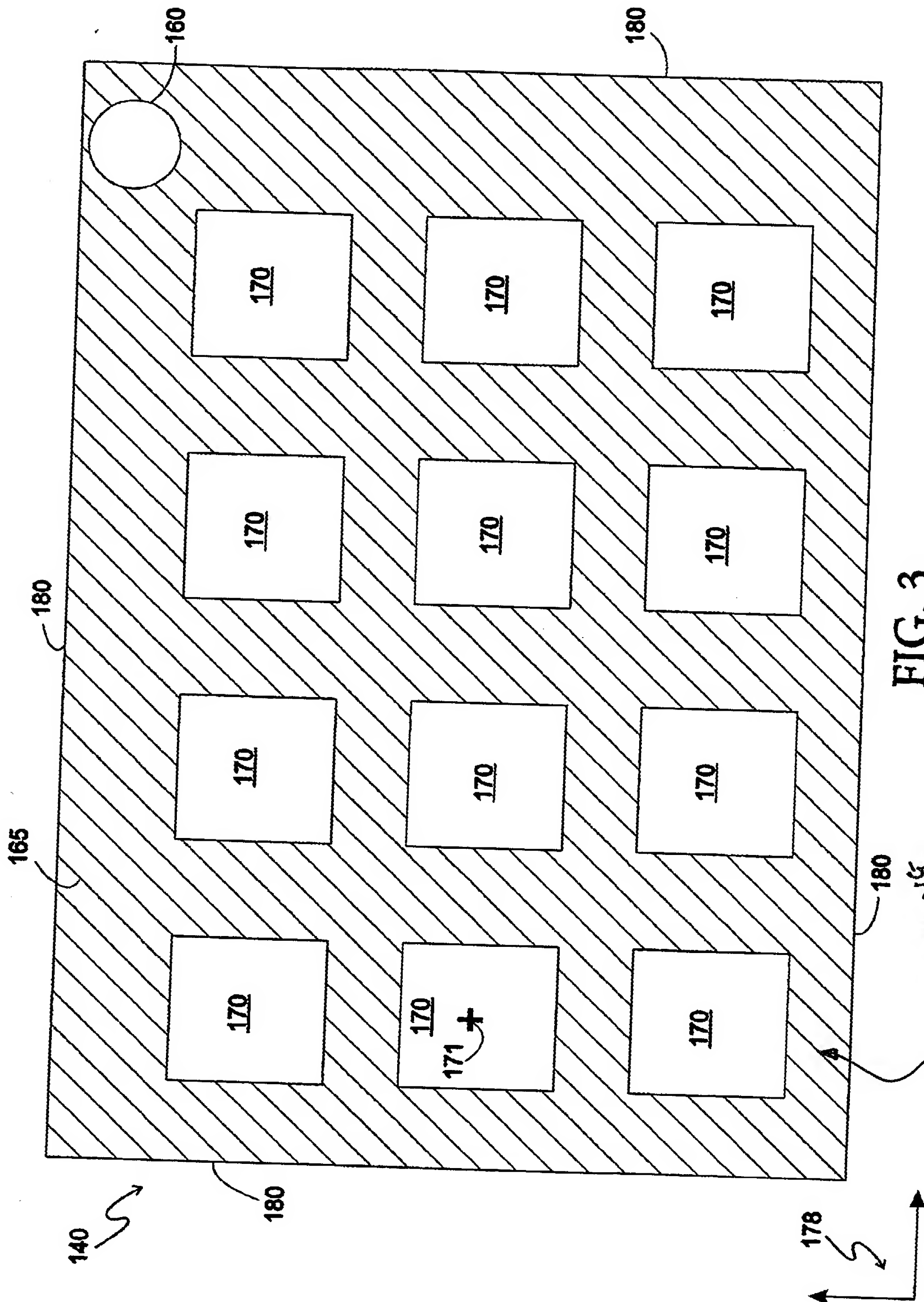


FIG. 3

CROSS HATCHING  
TO REMOVE

Approved  
18/06/03  
A/16/03



Agilent 10010971  
High-Performance Laminate  
For Integrated Circuit Interconnection  
Inventor: Nurwati S. Devnani, et al.

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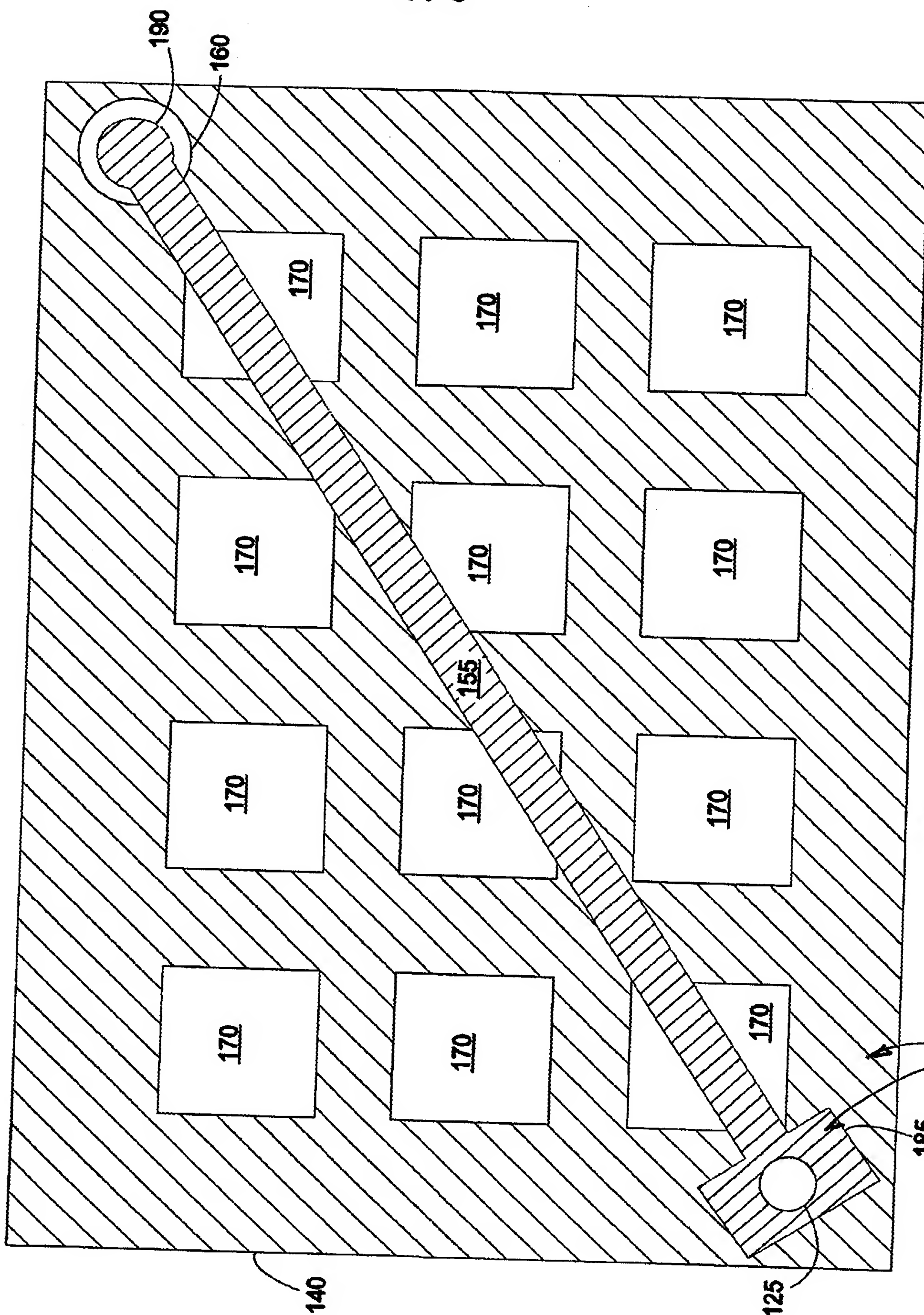


FIG. 4

to remove cross hatching  
4/12/03



Agilent 10010971  
High-Performance Laminate  
For Integrated Circuit Interconnection  
Inventor: Nurwati S. Devnani, et al.

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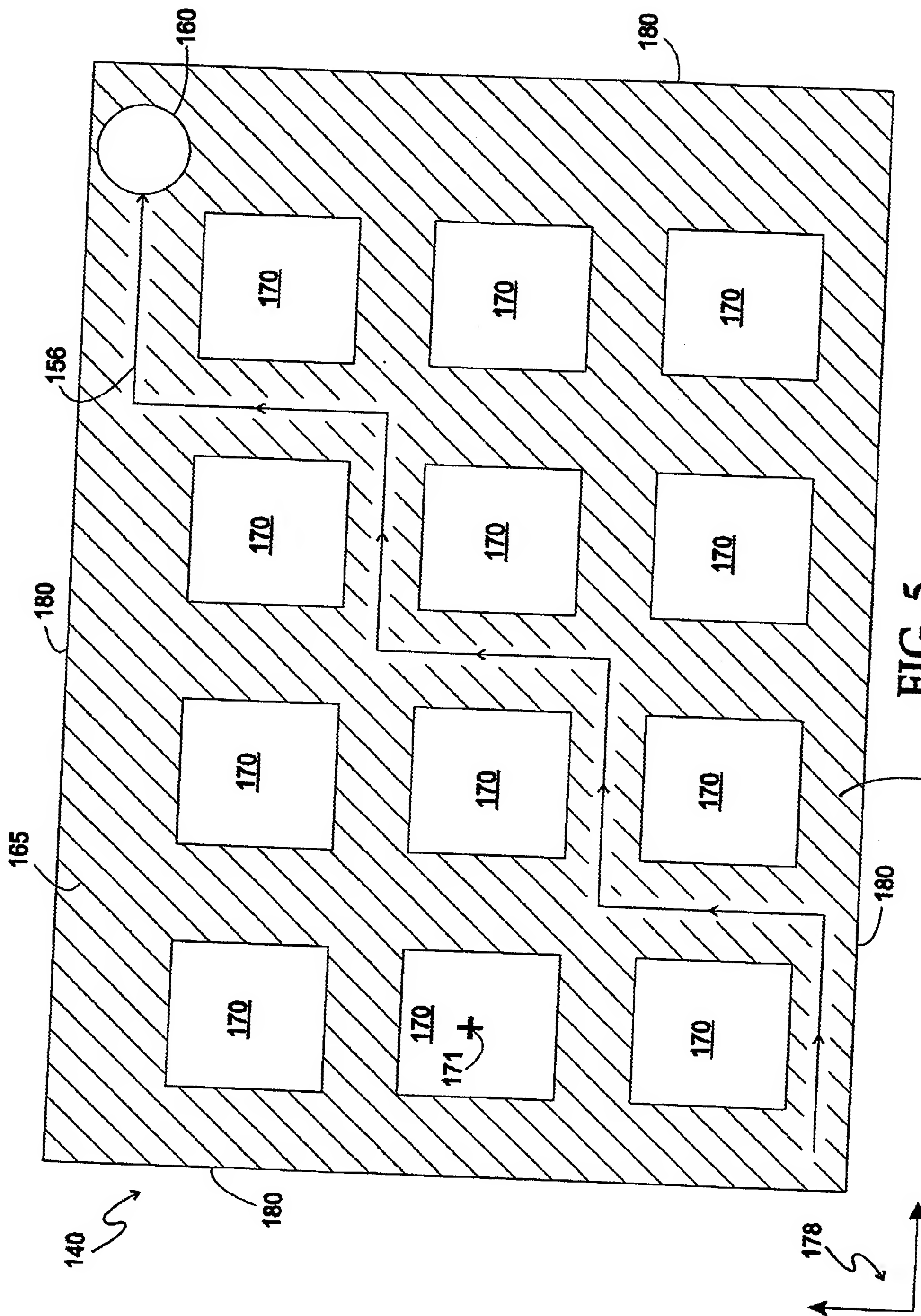


FIG. 5

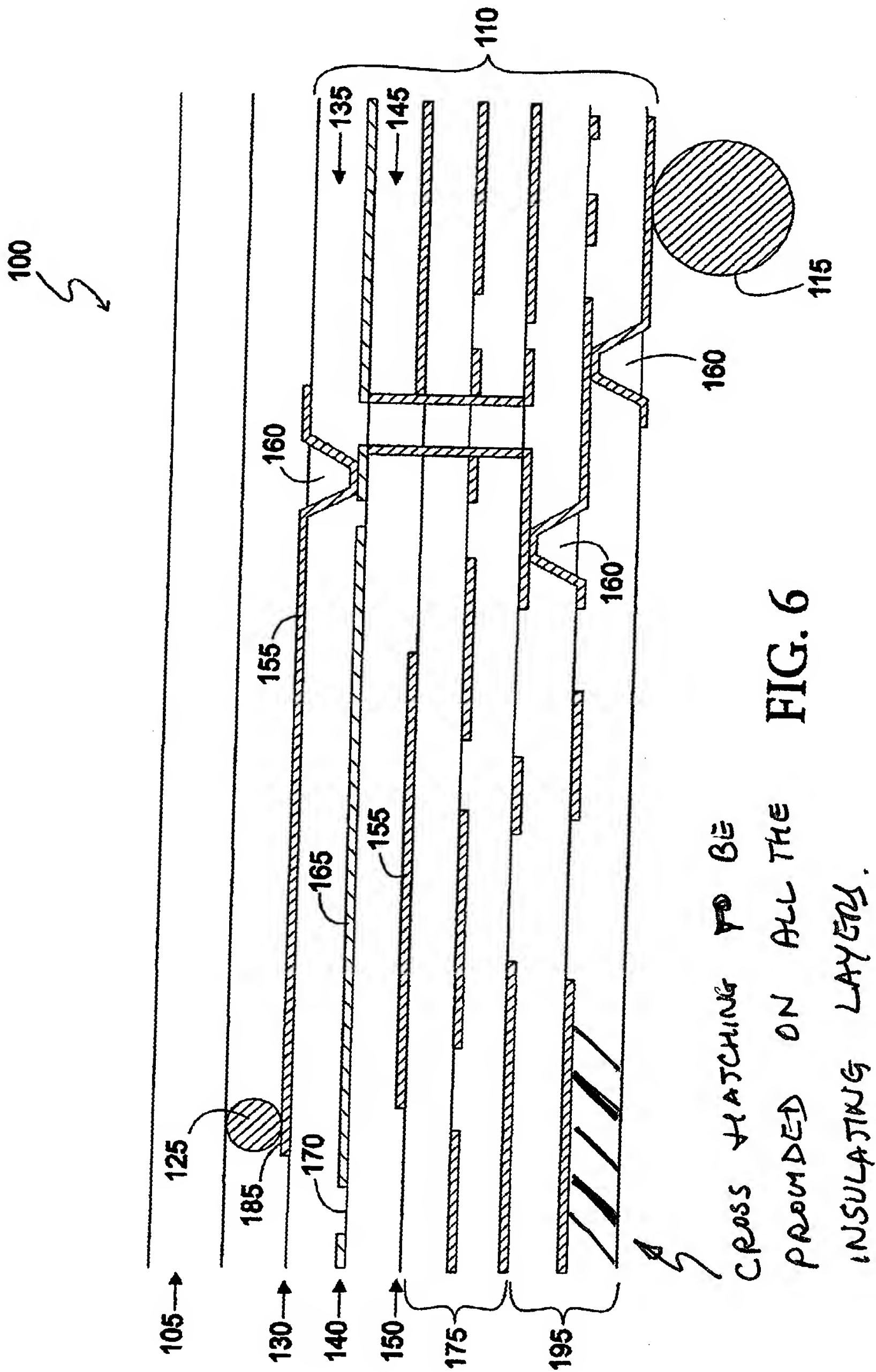
CROSS HATCHING  
TO REMOVE  
APPROVED FOR  
4/16/03





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For Integrated Circuit Interconnection  
Inventor: Nurwati S. Devnani, et al.

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Agilent 10010971  
High-Performance Laminate  
For Integrated Circuit Interconnection  
Inventor: Nurwati S. Devnani, et al.

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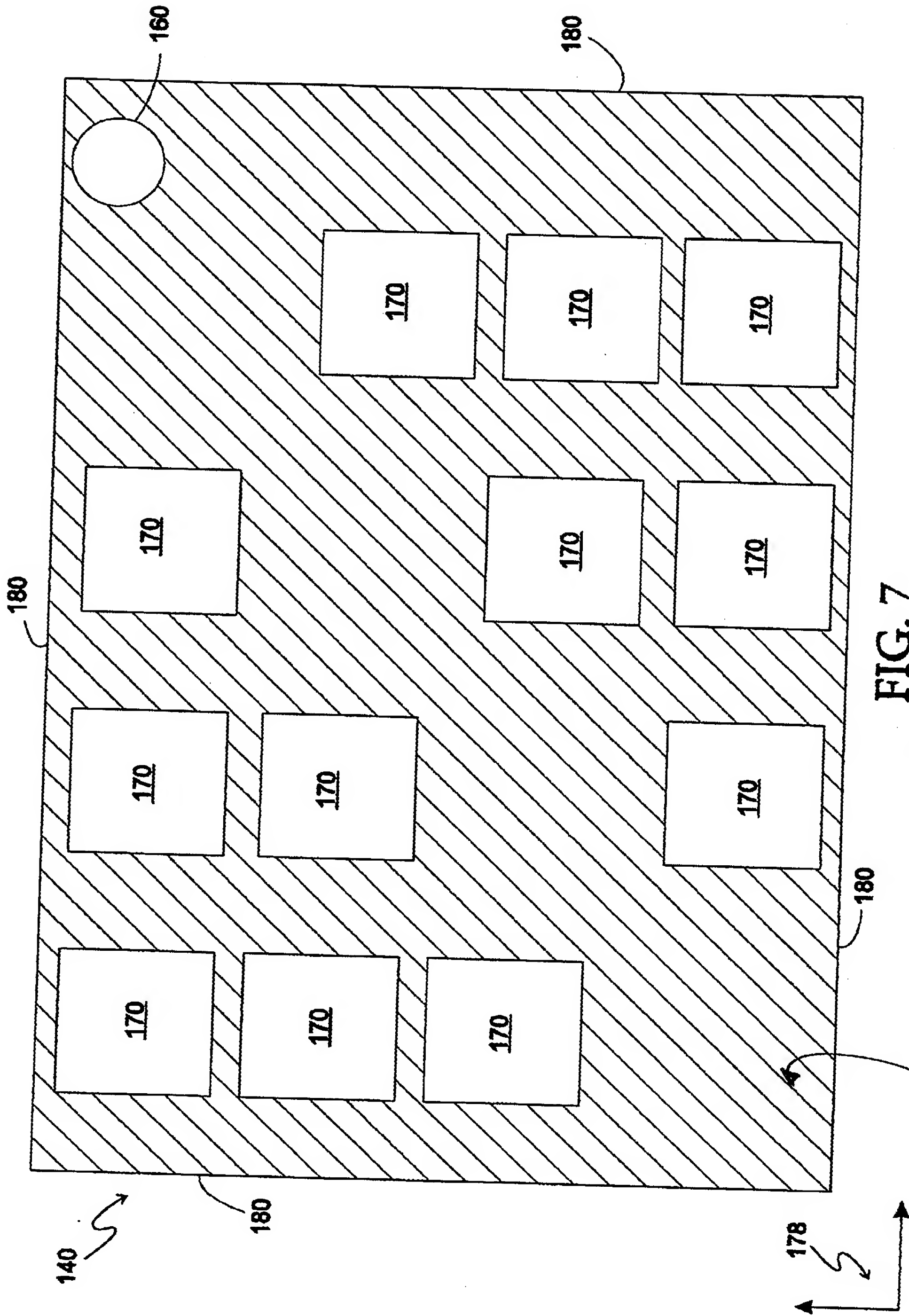


FIG. 7

CROSS HATCHING TO  
REMOVE.

Approved  
Blair  
4/16/03

DIP E  
 MAR 11 2003  
 PATENT & TRADEMARK OFFICE

Agilent 10010971  
 High-Performance Laminate  
 For Integrated Circuit Interconnection  
 Inventor: Nurwati S. Devnani, et al.

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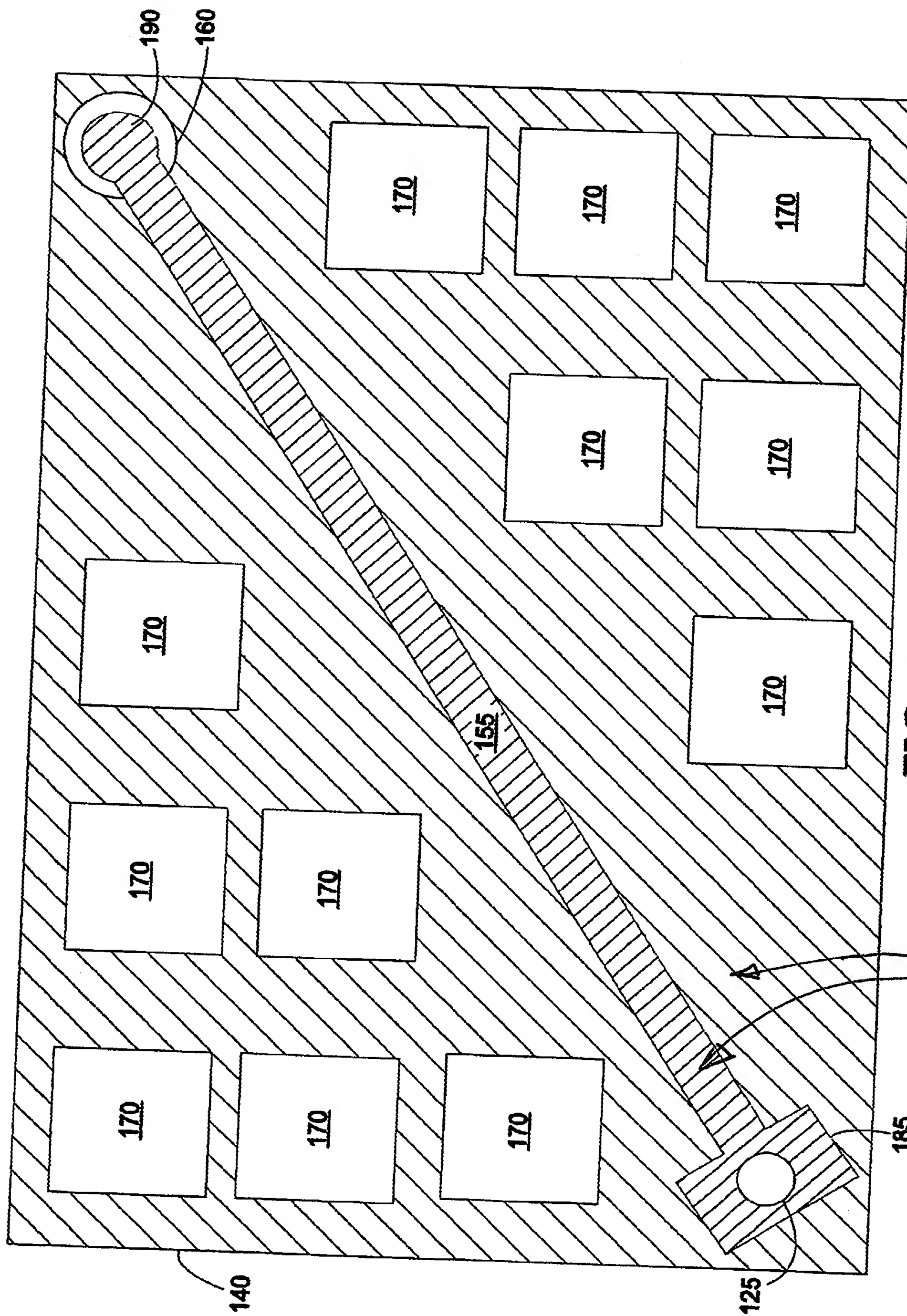


FIG. 8

CROSS HATCHING TO REMOVE.

approved  
 B. S. Devnani  
 4/11/03



Agilent 10010971  
High-Performance Laminate  
For Integrated Circuit Interconnection  
Inventor: Nurwati S. Devnani, et al.

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ASSEMBLY/BLANKET LINE

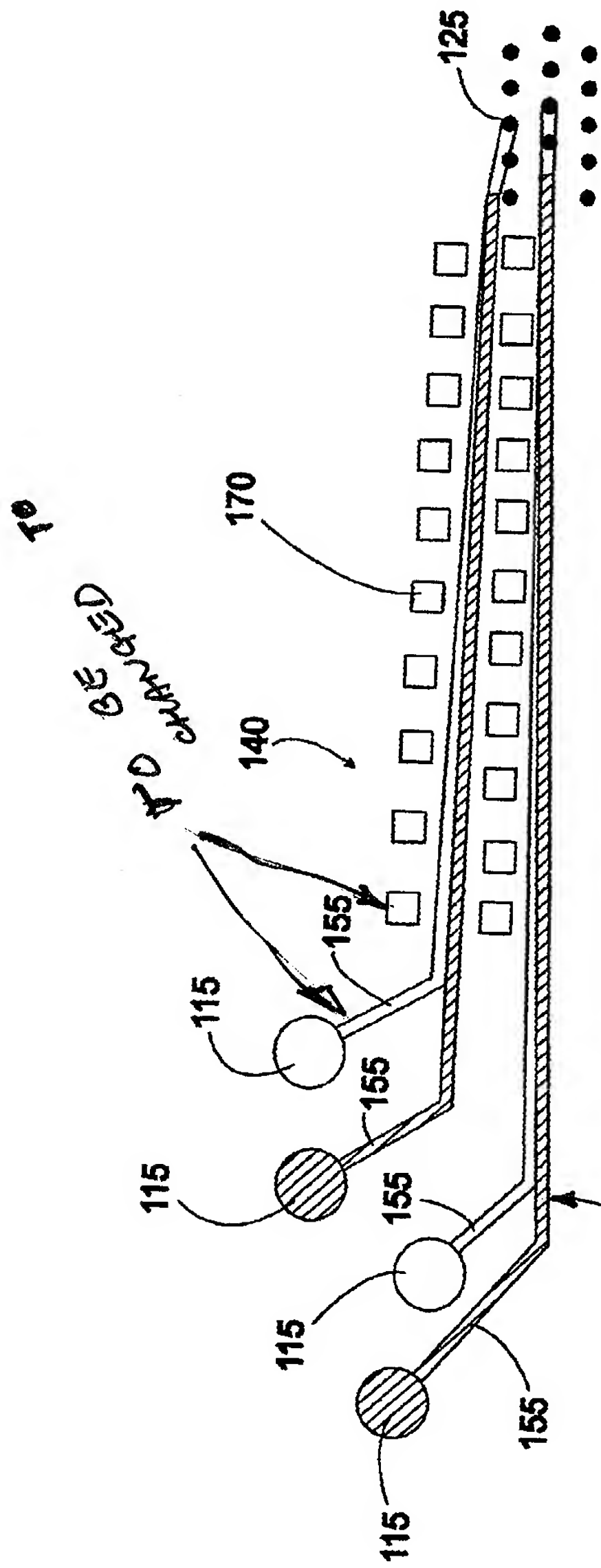


FIG. 9

WATCHING  
CROSS  
REMOVE  
TO

copying  
13/06/03  
4/11/03